ELSEVIER

Journal of Electroanalytical Chemistry 473 (1999) 285

JOURNAL OF ELECTROANALYTICAL CHEMISTRY

Author Index of Volume 473

Abe, M., 93
Akiba, U., 68
Alperson, B., 186
Aogaki, R., 54
Aoki, A., 125
Aoki, K., 132
Arihara, K., 138
Ataka, K., 34
Azechi, T., 117
Azehara, H., 68

Chatani, S., 217
Chiba, M., 49

Einaga, Y., 245
Endo, O., 19

Fermín, D.J., 192
Fujihira, M., 68
Fujikura, H., 223
Fujimoto, S., 265
Fujishima, A., 173, 179, 245
Fukuda, K., 240

Hamamatsu, A., 223
Hara, Y., 34
Hasegawa, H., 223
Hashimoto, K., 245
Hashimoto, Y., 85
Hirai, S., 250
Hokari, H., 68
Homyonfer, M., 186
Horikoshi, T., 113
Hosokawa, H., 117

Iguchi, U., 54
Ishii, H., 235
Ishikawa, M., 279
Itaya, K., 10
Itoh, J., 256
Itoh, M., 113
Itoh, S., 204
Ito, M., 19, 43

Juodkazis, S., 235

Kaneshiro, C., 223
Karantonis, A., 54
Kawachi, S., 265
Kazitani, T., 209
Kiguchi, M., 19
Kitamura, F., 138
Kobayashi, S., 85
Kondo, T., 93, 173
Konishi, H., 156
Kubo, K., 113
Kurihara, M., 113
Kuroda, K., 204
Kuwabata, S., 59

Machino, S., 279
Masuda, H., 240
Masuda, T., 166
Matsuo, S., 235
Minoura, H., 204, 209
Misawa, H., 235
Mitani, M., 166
Miyashita, T., 125
Miyawaki, T., 85
Mizutani, F., 99
Momoi, K., 43
Morita, M., 279
Mukouyama, Y., 156
Murakoshi, K., 117

Nakabayashi, S., 54
Nakagiri, N., 230
Nakanishi, S., 156
Nakato, Y., 156
Naohara, H., 2
Nawa, M., 54
Nishihara, H., 113
Nishino, J., 217
Nishio, T., 265
Nosaka, Y., 217
Notsu, H., 173
Nozute, S., 85
Nukanobu, K., 138

Ohkoshi, S., 245
Ohsaka, T., 138
Ohta, T., 19
Ohtsuka, T., 256, 272
Okazaki, S., 166
Ooi, T., 204
Osawa, M., 34, 256
Otsuki, T., 272
Oyama, M., 166
Oyamatsu, D., 59

Peter, L.M., 192
Ponomarev, E.A., 192
Popa, E., 179

Rao, T.N., 179

Sakairi, M., 250
Sarada, B.V., 179
Sasaki, T., 256
Sasaki, Y., 93
Sato, Y., 99
Seo, M., 49
Shibata, T., 265
Song, M.-B., 43
Sugimura, H., 230
Sugiura, T., 204, 209
Suzuki, K., 49

Takahashi, H., 250
Takai, O., 230
Taniguchi, I., 68, 85
Tenne, R., 186
Teragishi, Y., 132
Tokuda, K., 138
Tryk, D.A., 173, 179

Uosaki, K., 2, 93
Uotani, Y., 217
Ushida, K., 54

Wada, Y., 117
Wan, L.-J., 10
Washida, M., 166
Watanabe, K., 250

Yagi, I., 173, 179
Yamaguchi, K., 209
Yamaguchi, S., 250
Yanagida, S., 117
Ye, S., 2
Yokoyama, T., 19
Yoneyama, H., 59
Yoshida, M., 85
Yoshida, T., 204, 209
Yoshimoto, S., 68, 85

PII: S0022-0728(99)00321-6

ELSEVIER

Journal of Electroanalytical Chemistry 473 (1999) 287–291

JOURNAL OF ELECTROANALYTICAL CHEMISTRY

Subject Index of Volume 473

a-Axis orientation
Electrodeposition method for controlled formation of CdS films from aqueous solutions, 217
Additive
Electrochemical control of a Li metal anode interface: improvement of Li cyclability by inorganic additives compatible with electrolytes, 279
Adlayer structures
In situ scanning tunneling microscopy of Cu(110): atomic structures of halide adlayers and anodic dissolution, 10
Adsorption
Electrochemical oscillations of a new type in an $H_2O_2 + H_2SO_4$ | Pt-electrode system, appearing by addition of small amounts of halide ions, 156
In-situ X-ray absorption studies of bromine on the Ag(100) electrode, 19
Voltammetric and spectroscopic study of the adsorption of alkyl viologens on a HOPG electrode, 138
Alkanethiol
Underpotential deposition behavior of metals onto gold electrodes coated with self-assembled monolayers of alkanethiols, 59
Al–Zr composite oxide film
Formation of Al–Zr composite oxide films on aluminum by sol–gel coating and anodizing, 250
Aminopurinethiol
Electrochemical behavior of gold electrodes modified with aminopurinethiol derivatives, 99
Anodic porous alumina
Change of hole size of Pd hole-array electrodes in a controlled fashion by cathodic polarization in acidic electrolyte, 240
Anodic treatment
Electroanalysis of dopamine and NADH at conductive diamond electrodes, 179
Anodization
Formation of ⟨001⟩-aligned nano-scale pores on (001) n-InP surfaces by photoelectrochemical anodization in HCl, 223
Anodizing of aluminum
Formation of Al–Zr composite oxide films on aluminum by sol–gel coating and anodizing, 250
Asymmetrical disulfides
Investigation of the structure of self-assembled monolayers of asymmetrical disulfides on Au(111) electrodes by electrochemical desorption, 68
Au(111) electrode
Synthesis and electrochemical characterization of self-assembled monolayers of redox-active oxide-bridged triruthenium(III) clusters on Au(111), 93
Au(100) electrodes
Epitaxial growth of a palladium layer on an Au(100) electrode, 2
Au(111) single crystal
Electrochemical study on competitive adsorption of pyridinethiol with sulfide onto Au(111) surfaces, 85
Autocatalysis
Electrochemical oscillations of a new type in an $H_2O_2 + H_2SO_4$ | Pt-electrode system, appearing by addition of small amounts of halide ions, 156
Biferrocene
Synthesis, redox behavior and electrodeposition of biferrocene-modified gold clusters, 113
Binary self-assembled monolayers
Investigation of the structure of self-assembled monolayers of asymmetrical disulfides on Au(111) electrodes by electrochemical desorption, 68
Biosensor
Electroanalysis of dopamine and NADH at conductive diamond electrodes, 179
Bromine
In-situ X-ray absorption studies of bromine on the Ag(100) electrode, 19
Cadmium sulfide
A kinetic study of CdS photocorrosion by intensity modulated photocurrent and photoelectrochemical impedance spectroscopy, 192
Atom-by-atom growth of cadmium sulfide thin films by electroreduction of aqueous Cd^{2+}–SCN^- complex, 209
Capacitance
Impedance and photoelectrochemical properties of porous oxide film on Type304 stainless steel formed by square wave potential pulse polarisation, 265
Catalytic reduction, Epitaxial growth
Atom-by-atom growth of cadmium sulfide thin films by electroreduction of aqueous Cd^{2+}–SCN^- complex, 209
CCD detector
Two-dimensional CCD detection of electrogenerated chemiluminescence (ECL) on an electrode surface. ECL reactions involving microcrystals of the perylene dimer cation radical salt, 166
CdS
Electrodeposition method for controlled formation of CdS films from aqueous solutions, 217
Chemical modification of electrode surfaces
Electrochemical behavior of gold electrodes modified with aminopurinethiol derivatives, 99
Chemical oscillation
Electrochemical oscillations of a new type in an $H_2O_2 + H_2SO_4$ | Pt-electrode system, appearing by addition of small amounts of halide ions, 156
Chevreul's salt
Surface layers formed initially on copper in air containing water vapor and SO_2 as determined by IR-RAS and 2D-IR, 256
Chiral recognition
Chiroselective electron transfer at enantiomer-capped ZnO nanocrystalline surfaces, 117
Chromium enrichment
Impedance and photoelectrochemical properties of porous oxide film on Type304 stainless steel formed by square wave potential pulse polarisation, 265

PII: S0022-0728(99)00322-8

Clusters
Formation of conducting clusters of polyaniline films detected by light scattering, 132
Competitive adsorption
Electrochemical study on competitive adsorption of pyridinethiol with sulfide onto Au(111) surfaces, 85
Copper sulfate
Surface layers formed initially on copper in air containing water vapor and SO_2 as determined by IR-RAS and 2D-IR, 256
Corrosion products of copper
Surface layers formed initially on copper in air containing water vapor and SO_2 as determined by IR-RAS and 2D-IR, 256
Cu(110) electrode
In situ scanning tunneling microscopy of Cu(110): atomic structures of halide adlayers and anodic dissolution, 10
Cycling efficiency
Electrochemical control of a Li metal anode interface: improvement of Li cyclability by inorganic additives compatible with electrolytes, 279
Cytochrome *c*
Electrochemical behavior of gold electrodes modified with aminopurinethiol derivatives, 99

Diamond electrode
Electroanalysis of dopamine and NADH at conductive diamond electrodes, 179
Electrochemical selectivity for redox systems at oxygen-terminated diamond electrodes, 173
Dopamine
Electroanalysis of dopamine and NADH at conductive diamond electrodes, 179

Electrochemical desorption
Investigation of the structure of self-assembled monolayers of asymmetrical disulfides on Au(111) electrodes by electrochemical desorption, 68
Electrochemical reductive desorption
Electrochemical study on competitive adsorption of pyridinethiol with sulfide onto Au(111) surfaces, 85
Electrochemical switching
Formation of conducting clusters of polyaniline films detected by light scattering, 132
Electrochemical synthesis
Magnetic properties and optical control of electrochemically prepared iron–chromium polycyanides, 245
Electrodeposition
Atom-by-atom growth of cadmium sulfide thin films by electroreduction of aqueous Cd^{2+}–SCN^- complex, 209
Electrodeposition method for controlled formation of CdS films from aqueous solutions, 217
Synthesis, redox behavior and electrodeposition of biferrocene-modified gold clusters, 113
Two-dimensional metal deposition at the liquid|liquid interface; potential and magnetohydrodynamic pattern transition, 54
Electrogenerated chemiluminescence
Two-dimensional CCD detection of electrogenerated chemiluminescence (ECL) on an electrode surface. ECL reactions involving microcrystals of the perylene dimer cation radical salt, 166
Electroless plating
Scanning probe lithography for electrode surface modification, 230
Electrolytic capacitor
Formation of Al–Zr composite oxide films on aluminum by sol–gel coating and anodizing, 250
Electron transfer
A new approach to electrode kinetics and dynamics by potential modulated Fourier transform infrared spectroscopy, 34
Chiroselective electron transfer at enantiomer-capped ZnO nanocrystalline surfaces, 117
Electrochemical selectivity for redox systems at oxygen-terminated diamond electrodes, 173
Ellipsometry
Effect of ultra-violet light irradiation on anodic oxide films on titanium in sulfuric acid solution, 272
Epitaxial growth
Epitaxial growth of a palladium layer on an Au(100) electrode, 2
Etching
Scanning probe lithography for electrode surface modification, 230
Excitors
Photoelectrochemical studies with inorganic cage structures of metal dichalcogenides, 186

Ferrocene
A structural effect on electrochemical behavior of hetero-deposited redox polymer Langmuir–Blodgett films containing ferrocene and tris(bipyridine)ruthenium derivatives, 125
Film
Electrodeposition method for controlled formation of CdS films from aqueous solutions, 217
FT-IR
A new approach to electrode kinetics and dynamics by potential modulated Fourier transform infrared spectroscopy, 34

Gold
Investigation of the structure of self-assembled monolayers of asymmetrical disulfides on Au(111) electrodes by electrochemical desorption, 68
Gold cluster
Synthesis, redox behavior and electrodeposition of biferrocene-modified gold clusters, 113
Grain boundary
Evolution of a skeleton structured TiO_2 surface consisting of grain boundaries, 204

Halides
Electrochemical oscillations of a new type in an $H_2O_2 + H_2SO_4$ | Pt-electrode system, appearing by addition of small amounts of halide ions, 156
In situ scanning tunneling microscopy of Cu(110): atomic structures of halide adlayers and anodic dissolution, 10
Hardness
Nano-mechano-electrochemistry of the iron (100) surface in solution, 49
Hetero-deposited Langmuir–Blodgett film
A structural effect on electrochemical behavior of hetero-deposited redox polymer Langmuir–Blodgett films containing ferrocene and tris(bipyridine)ruthenium derivatives, 125
Hole-array electrode
Change of hole size of Pd hole-array electrodes in a controlled fashion by cathodic polarization in acidic electrolyte, 240
HOPG
Voltammetric and spectroscopic study of the adsorption of alkyl viologens on a HOPG electrode, 138
Hydrogen bonded complex
Electrochemical behavior of gold electrodes modified with aminopurinethiol derivatives, 99
Hydrogen peroxide
Electrochemical oscillations of a new type in an $H_2O_2 + H_2SO_4$ | Pt-electrode system, appearing by addition of small amounts of halide ions, 156

Impedance
A kinetic study of CdS photocorrosion by intensity modulated photocurrent and photoelectrochemical impedance spectroscopy, 192
Inorganic fullerene-like structures
Photoelectrochemical studies with inorganic cage structures of metal dichalcogenides, 186
InP
Formation of ⟨001⟩-aligned nano-scale pores on (001) n-InP surfaces by photoelectrochemical anodization in HCl, 223
In-situ IRAS
Redox mechanisms of NO with water on the Pt(111) electrode studied by in-situ STM and IRAS, 43
Intensity modulated photocurrent spectroscopy
A kinetic study of CdS photocorrosion by intensity modulated photocurrent and photoelectrochemical impedance spectroscopy, 192
Iron (100) surface
Nano-mechano-electrochemistry of the iron (100) surface in solution, 49
Irradiation
Effect of ultra-violet light irradiation on anodic oxide films on titanium in sulfuric acid solution, 272
IR spectroscopy
Voltammetric and spectroscopic study of the adsorption of alkyl viologens on a HOPG electrode, 138
Island formation
Underpotential deposition behavior of metals onto gold electrodes coated with self-assembled monolayers of alkanethiols, 59
ITIE
Two-dimensional metal deposition at the liquid|liquid interface; potential and magnetohydrodynamic pattern transition, 54

Kinetics
A new approach to electrode kinetics and dynamics by potential modulated Fourier transform infrared spectroscopy, 34

Laser fabrication
Photoelectrochemical submicrometer patterning of titanium dioxide by platinum, 235
Light scattering
Formation of conducting clusters of polyaniline films detected by light scattering, 132
Lithium metal anode
Electrochemical control of a Li metal anode interface: improvement of Li cyclability by inorganic additives compatible with electrolytes, 279

Magnetic thin film
Magnetic properties and optical control of electrochemically prepared iron–chromium polycyanides, 245
Mechanical property
Nano-mechano-electrochemistry of the iron (100) surface in solution, 49
Mechano-electrochemistry
Nano-mechano-electrochemistry of the iron (100) surface in solution, 49
4-Mercaptopyridine
A new approach to electrode kinetics and dynamics by potential modulated Fourier transform infrared spectroscopy, 34
MHD
Two-dimensional metal deposition at the liquid|liquid interface; potential and magnetohydrodynamic pattern transition, 54

NADH
Electroanalysis of dopamine and NADH at conductive diamond electrodes, 179
Nano-crystalline
Impedance and photoelectrochemical properties of porous oxide film on Type304 stainless steel formed by square wave potential pulse polarisation, 265
Nanoindentation
Nano-mechano-electrochemistry of the iron (100) surface in solution, 49
Nanolithography
Scanning probe lithography for electrode surface modification, 230
Nanostructures
Formation of ⟨001⟩-aligned nano-scale pores on (001) n-InP surfaces by photoelectrochemical anodization in HCl, 223
NO
Redox mechanisms of NO with water on the Pt(111) electrode studied by in-situ STM and IRAS, 43
NO oxidation
Redox mechanisms of NO with water on the Pt(111) electrode studied by in-situ STM and IRAS, 43
NO_2 reduction
Redox mechanisms of NO with water on the Pt(111) electrode studied by in-situ STM and IRAS, 43

Organosilane self-assembled monolayer
Scanning probe lithography for electrode surface modification, 230

Palladium layer
Epitaxial growth of a palladium layer on an Au(100) electrode, 2
Passive film
Impedance and photoelectrochemical properties of porous oxide film on Type304 stainless steel formed by square wave potential pulse polarisation, 265
Nano-mechano-electrochemistry of the iron (100) surface in solution, 49
Pd electrode
Change of hole size of Pd hole-array electrodes in a controlled fashion by cathodic polarization in acidic electrolyte, 240
Perylene dimer cation radical
Two-dimensional CCD detection of electrogenerated chemiluminescence (ECL) on an electrode surface. ECL reactions involving microcrystals of the perylene dimer cation radical salt, 166
Phase separation
Formation of conducting clusters of polyaniline films detected by light scattering, 132
Investigation of the structure of self-assembled monolayers of asymmetrical disulfides on Au(111) electrodes by electrochemical desorption, 68
Photo-catalysis
Photoelectrochemical submicrometer patterning of titanium dioxide by platinum, 235
Photocorrosion
A kinetic study of CdS photocorrosion by intensity modulated photocurrent and photoelectrochemical impedance spectroscopy, 192
Effect of ultra-violet light irradiation on anodic oxide films on titanium in sulfuric acid solution, 272
Photocurrent
Impedance and photoelectrochemical properties of porous oxide film on Type304 stainless steel formed by square wave potential pulse polarisation, 265
Photoelectrochemical studies with inorganic cage structures of metal dichalcogenides, 186

Photoeffect
Magnetic properties and optical control of electrochemically prepared iron–chromium polycyanides, 245
Photoelectrochemistry
A kinetic study of CdS photocorrosion by intensity modulated photocurrent and photoelectrochemical impedance spectroscopy, 192
Evolution of a skeleton structured TiO_2 surface consisting of grain boundaries, 204
Photoluminescence
Formation of ⟨001⟩-aligned nano-scale pores on (001) n-InP surfaces by photoelectrochemical anodization in HCl, 223
Photoselective etching
Evolution of a skeleton structured TiO_2 surface consisting of grain boundaries, 204
Plasma treatment
Electrochemical selectivity for redox systems at oxygen-terminated diamond electrodes, 173
Platinum
Electrochemical oscillations of a new type in an $H_2O_2 + H_2SO_4$ | Pt-electrode system, appearing by addition of small amounts of halide ions, 156
Photoelectrochemical submicrometer patterning of titanium dioxide by platinum, 235
Polyaniline films
Formation of conducting clusters of polyaniline films detected by light scattering, 132
Polymer Langmuir–Blodgett film
A structural effect on electrochemical behavior of hetero-deposited redox polymer Langmuir–Blodgett films containing ferrocene and tris(bipyridine)ruthenium derivatives, 125
Pores
Formation of ⟨001⟩-aligned nano-scale pores on (001) n-InP surfaces by photoelectrochemical anodization in HCl, 223
Porous semiconductors
Formation of ⟨001⟩-aligned nano-scale pores on (001) n-InP surfaces by photoelectrochemical anodization in HCl, 223
Promoter
Electrochemical behavior of gold electrodes modified with aminopurinethiol derivatives, 99
Prussian blue analog
Magnetic properties and optical control of electrochemically prepared iron–chromium polycyanides, 245
Pt(111)
Redox mechanisms of NO with water on the Pt(111) electrode studied by in-situ STM and IRAS, 43
Pyridinethiol
Electrochemical study on competitive adsorption of pyridinethiol with sulfide onto Au(111) surfaces, 85

Rechargeable lithium battery
Electrochemical control of a Li metal anode interface: improvement of Li cyclability by inorganic additives compatible with electrolytes, 279
Rectangular wave voltage
Electrodeposition method for controlled formation of CdS films from aqueous solutions, 217
Redox reactions of perylene
Two-dimensional CCD detection of electrogenerated chemiluminescence (ECL) on an electrode surface. ECL reactions involving microcrystals of the perylene dimer cation radical salt, 166
Reduction
Photoelectrochemical submicrometer patterning of titanium dioxide by platinum, 235
Replication
Change of hole size of Pd hole-array electrodes in a controlled fashion by cathodic polarization in acidic electrolyte, 240
Reversible redox
Synthesis and electrochemical characterization of self-assembled monolayers of redox-active oxide-bridged triruthenium(III) clusters on Au(111), 93
Ruthenium complex
A structural effect on electrochemical behavior of hetero-deposited redox polymer Langmuir–Blodgett films containing ferrocene and tris(bipyridine)ruthenium derivatives, 125

Scanning probe microscopy
Scanning probe lithography for electrode surface modification, 230
Scanning tunneling microscopy
In situ scanning tunneling microscopy of Cu(110): atomic structures of halide adlayers and anodic dissolution, 10
Underpotential deposition behavior of metals onto gold electrodes coated with self-assembled monolayers of alkanethiols, 59
Self-assembled monolayers
A new approach to electrode kinetics and dynamics by potential modulated Fourier transform infrared spectroscopy, 34
Synthesis and electrochemical characterization of self-assembled monolayers of redox-active oxide-bridged triruthenium(III) clusters on Au(111), 93
Underpotential deposition behavior of metals onto gold electrodes coated with self-assembled monolayers of alkanethiols, 59
Semiconductor
Impedance and photoelectrochemical properties of porous oxide film on Type304 stainless steel formed by square wave potential pulse polarisation, 265
Silver
In-situ X-ray absorption studies of bromine on the Ag(100) electrode, 19
Slow relaxation
Formation of conducting clusters of polyaniline films detected by light scattering, 132
Sol–gel coating
Formation of Al–Zr composite oxide films on aluminum by sol–gel coating and anodizing, 250
Stainless steel
Impedance and photoelectrochemical properties of porous oxide film on Type304 stainless steel formed by square wave potential pulse polarisation, 265
STM
Redox mechanisms of NO with water on the Pt(111) electrode studied by in-situ STM and IRAS, 43
Stokes radius
Underpotential deposition behavior of metals onto gold electrodes coated with self-assembled monolayers of alkanethiols, 59
Sulfide
Electrochemical study on competitive adsorption of pyridinethiol with sulfide onto Au(111) surfaces, 85
Sulfur dioxide
Surface layers formed initially on copper in air containing water vapor and SO_2 as determined by IR-RAS and 2D-IR, 256
Surface-enhanced infrared absorption spectroscopy
A new approach to electrode kinetics and dynamics by potential modulated Fourier transform infrared spectroscopy, 34
Surface modification
Chiroselective electron transfer at enantiomer-capped ZnO nanocrystalline surfaces, 117
Surface plasmon
Synthesis, redox behavior and electrodeposition of biferrocene-modified gold clusters, 113
Surface structure
Evolution of a skeleton structured TiO_2 surface consisting of grain boundaries, 204

Photoelectrochemical submicrometer patterning of titanium dioxide by platinum, 235
Surface termination
Electrochemical selectivity for redox systems at oxygen-terminated diamond electrodes, 173

Thiocyanate
Atom-by-atom growth of cadmium sulfide thin films by electroreduction of aqueous Cd^{2+}–SCN^- complex, 209
Time-resolved infrared reflection absorption spectroscopy
Surface layers formed initially on copper in air containing water vapor and SO_2 as determined by IR-RAS and 2D-IR, 256
TiO_2
Effect of ultra-violet light irradiation on anodic oxide films on titanium in sulfuric acid solution, 272
Titanium dioxide
Photoelectrochemical submicrometer patterning of titanium dioxide by platinum, 235
Triruthenium(III) cluster
Synthesis and electrochemical characterization of self-assembled monolayers of redox-active oxide-bridged triruthenium(III) clusters on Au(111), 93
Two-dimensional infrared correlation spectroscopy
Surface layers formed initially on copper in air containing water vapor and SO_2 as determined by IR-RAS and 2D-IR, 256
Two-dimensional mapping of electrode surface
Two-dimensional CCD detection of electrogenerated chemiluminescence (ECL) on an electrode surface. ECL reactions involving microcrystals of the perylene dimer cation radical salt, 166

Ultra-violet
Effect of ultra-violet light irradiation on anodic oxide films on titanium in sulfuric acid solution, 272
Underpotential deposition
Atom-by-atom growth of cadmium sulfide thin films by electroreduction of aqueous Cd^{2+}–SCN^- complex, 209
Underpotential deposition behavior of metals onto gold electrodes coated with self-assembled monolayers of alkanethiols, 59

Viologen
Voltammetric and spectroscopic study of the adsorption of alkyl viologens on a HOPG electrode, 138

Water decomposition
Redox mechanisms of NO with water on the Pt(111) electrode studied by in-situ STM and IRAS, 43

X-ray absorption fine structure (XAFS)
In-situ X-ray absorption studies of bromine on the Ag(100) electrode, 19

Zinc
Two-dimensional metal deposition at the liquid|liquid interface; potential and magnetohydrodynamic pattern transition, 54
Zinc oxide nancrystallites
Chiroselective electron transfer at enantiomer-capped ZnO nanocrystalline surfaces, 117
Zirconium alkoxide
Formation of Al–Zr composite oxide films on aluminum by sol–gel coating and anodizing, 250
Zirconium oxide
Formation of Al–Zr composite oxide films on aluminum by sol–gel coating and anodizing, 250